

Title (en)  
EXHAUST HEAT RECOVERY DEVICE

Title (de)  
VORRICHTUNG ZUR RÜCKGEWINNUNG VON ABGASWÄRME

Title (fr)  
DISPOSITIF DE RÉCUPÉRATION DE CHALEUR D'ÉCHAPPEMENT

Publication  
**EP 2896802 A4 20160601 (EN)**

Application  
**EP 13828512 A 20130809**

Priority  
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Abstract (en)  
[origin: EP2896802A1] An exhaust heat recovery device according to one aspect of the present invention comprises an exhaust pipe, a branch port, a heat exchange part, an exhaust port, an opening and closing unit, and a shell member. The shell member comprises an intersecting plane intersecting a virtual ray that extends from an end part of an outlet of the exhaust pipe on a side of the exhaust port, the end part serving as a starting point, and the virtual ray being inclined outwardly at an angle of 7° with respect to an axial direction of the exhaust pipe, and the intersecting plane forms an angle of 90° to 97° with respect to the virtual ray. The exhaust port is positioned between the outlet and the intersecting plane in the axial direction.

IPC 8 full level  
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Citation (search report)  
• [X] US 2005133202 A1 20050623 - JORGENSEN LARS S [DK], et al  
• [XI] JP 2011214537 A 20111027 - SAKAMOTO IND CO LTD  
• See references of WO 2014025036A1

Cited by  
WO2021175717A1

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